

Notice of Allowability

Application No.

09/786,574

Applicant(s)

MOELLER ET AL.

Examiner

Art Unit

Benny Q. Tieu

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to patent application filed Sept. 24, 2001.
2. ☒ The allowed claim(s) is/are 16-39 (renumbered as 1-24, respectively).
3. ☒ The drawings filed on 24 September 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 10/4/04 & 3/7/01
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Reasons For Allowance

1. The following is an examiner's statement of reasons for allowance: Eleftheriadis et al. (U.S. Patent No. 6,079,566) teach a system and method for processing object-based audiovisual information which is capable of flexibly encoding, storing and accessing a variety of data objects. Audiovisual objects, illustratively prepared in MPEG-4 format, are stored onto physical media using file consisting of segments and access layer primary data units (PDUs), which are accessed using index information. The processes of encoding, storing and accessing audiovisual information are decoupled from monolithic storage in a strict linear order, and reordering and other editorial manipulations are possible (Abstract). Manor (U.S. Patent Application Publication No. 2002/0097798) teaches a system for processing a plurality of packets that include one or more of video, voice, and data information using a plain-old-telephone system. The system including, for example, code that receives one or more packets from a source of packets, code that decodes the one or more packets when the one or more packet are encoded by the source, code that decompresses the one or more packets into a stream of bits when the one or more packets are compressed by the source, code that monitors at least one of a plurality of quality of service measurements associated with transmission of the one or more packets, and code that sends the source of the one of more packets the at least one of a plurality of quality of service measurements, wherein the source can vary an amount of information transferred by the one or more packets based on the at least one of a plurality of quality of service measurements; and at least one processor that executes said code (Summary of Invention). However, prior art of record fails to teach, or render obvious, alone or in combination, a method for integrating

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audiovisual encoded information into a predefined frame-structured transmission standard and a corresponding transmission and receiving terminals wherein at least one multiplexed frame-structured data channel of a transmission standard is decomposed up into individual audiovisual data streams, capabilities with other terminals as to types of data capable of being one of encoded and decoded are exchanged after a connection is established, and in accordance with data structures, signaling specifications on the data type used as directly claimed in all independent claims.

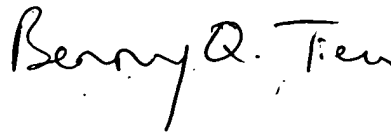
2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benny Q. Tieu whose telephone number is (703) 305-2360. The examiner can normally be reached on Monday-Friday: 6:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



BENNY TIEU
PRIMARY EXAMINER

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January 20, 2005